


**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

2017. 12. 3

<b>Affiliation/Position</b>	Wildlife Research Center/D3
<b>Name</b>	Miho Saito

<b>1. Country/location of visit</b>
Katavi National Park, Tanzania
<b>2. Research project</b>
Study on giraffe habitat selection for resting and nursing
<b>3. Date (departing from/returning to Japan)</b>
2017.5.8 – 2017.9.10, 2017.10.10 – 2017.12.2 (178days)
<b>4. Main host researcher and affiliation</b>
Tanzania Wildlife Research Institute, Dr.Keyuu
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)
Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.
<p>The aim of this field trip was to reveal giraffe habitat selection for resting and nursing. During my study period, I identified 28 adult males, 21 adult females, 10 sub-adult males, 3 sub-adult females, 2 juveniles and 2 neonates. Among them, 38 individuals (12 adult male, 11 adult female, 8 sub-adult male, 3 sub-adult female, 2 juvenile and 2 neonate) were observed more than 5 times during the study period. I will continue to do social network analysis by using data from the individuals which I observed more than 5 times. I expect to reveal how social relationship among each known individuals have been changed by time.</p> <p>Regarding habitat selection during resting and nursing, I recorded GPS data and behavior for each 10 min. As a result, I collected GPS records from 51 individuals. From now on, I would like to categorize my study area into several groups based on the vegetation types and plot the GPS data which I collected. From this process, I would like to reveal in which habitat type giraffe like to use for resting.</p> <p>I observed 2 mother-calf pairs during this study period. As my impression, they were selecting woodland more often than open area for nursing. By proceeding data analysis, I would be able to see the preference of habitat for nursing.</p>

<p>Figure 1. Two neonates which I observed almost everyday from Oct to Now.</p>
<b>6. Others</b>
I appreciate PWS for the financial support. I appreciate people of Katavi National Park for understanding and supporting my field work.